International Application No PCT/US 02/07701

Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K9/70 A61K31/4468

C. DOCUMENTS CONSIDERED TO BE RELEVANT

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category °

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal, BIOSIS, CHEM ABS Data

Citation of document, with indication, where appropriate, of the relevant passages

X	US 4 588 580 A (GALE ROBERT M 13 May 1986 (1986-05-13) cited in the application * col.2, l.55-60; col.3, l.1-5 l.53-54; Ex. 5; claims 1-58 *	·	1–93
Y	US 5 613 958 A (KOCHINKE FRANK 25 March 1997 (1997-03-25) * col.1, l.37-42; col.5, l.53- ; col.8, Table I, last cpd; cl	col.6, 1.14	1–93
Y	US 5 006 342 A (CLEARY GARY W 9 April 1991 (1991-04-09) claims 1,7	ET AL)	1-93
P,Y	US 6 203 817 B1 (JOHNSON JUANI 20 March 2001 (2001-03-20) * col.8, l.9; col.9, l.25-28 *	ŕ	1–93
X Furti	her documents are listed in the continuation of box C.	Y Patent family members are listed	in annex.
° Special ca *A* docume consid *E* earlier consid *L* docume which citation *O* docume other r *P* docume	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	"T" later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention 'X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do 'Y" document of particular relevance; the cannot be considered to involve an involve and in the art. '&" document member of the same patent in the art.	rnational filing date the application but early underlying the laimed invention be considered to cument is taken alone laimed invention leimed invention leimed step when the re other such docu- us to a person skilled
Date of the	actual completion of the international search	Date of mailing of the international sea	ırch report
2	1 August 2002	30/08/2002	
	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Uiber, P	
om PC1/ISA/2	210 (second sheet) (July 1992)		

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

I... onal Application No
PCT/US 02/07701

	PC1/US 02/07/01
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
WO 99 32153 A (ALZA CORP) 1 July 1999 (1999-07-01) * claim 7; claim 24 *	1-93
US 5 750 137 A (CRISOLOGO NIEVES MARZAN ET AL) 12 May 1998 (1998-05-12) claims 1-15	1-93
	
	1 July 1999 (1999-07-01) * claim 7; claim 24 * US 5 750 137 A (CRISOLOGO NIEVES MARZAN ET AL) 12 May 1998 (1998-05-12)

Information on patent family members

In.....jonal Application No
PCT/US 02/07701

				101700	02/07/01
Patent document cited in search repor	t	Publication date		Patent family member(s)	Publication date
US 4588580	A	13-05-1986	AU AU BE CH CY DE ES ES FR HT JP NL	565177 B2 4452785 A 902884 A1 905568 A4 1245983 A1 665351 A5 1560 A 3526339 A1 3546830 C2 3546869 A1 545366 D0 8802276 A1 557179 D0 8707667 A1 2567761 A1 2165148 A , B 8191 A 1183912 B 2547726 B2 61037725 A 8501979 A	10-09-1987 30-01-1986 04-11-1985 02-02-1987 06-12-1988 13-05-1988 22-03-1991 30-01-1986 20-07-1995 01-04-1993 01-05-1988 16-07-1988 16-08-1987 01-11-1987 24-01-1986 09-04-1986 01-02-1991 22-10-1987 23-10-1996 22-02-1986 17-02-1986
US 5613958	Α	25-03-1997	NONE		
US 5006342	A	09-04-1991	US AT AU AU CDE DE DE DE DE DE DE DE DE DE DE DE DE D	4906463 A 119019 T 633500 B2 3853089 A 1325381 A1 68921473 D1 68921473 T2 241090 A 0409910 A1 891070 L 3504977 T 5075727 B 9501968 B1 904317 A 228637 A 90240 A ,B 8910108 A1 5186939 A 87202 T 124256 T 640383 B2 5784590 A 601528 B2 8249887 A 1309021 A1 3751383 D1 3751383 T2 3785015 D1 3785015 T2 0272987 A2 0483105 A1 2039471 T3 2075966 T3 3017200 T3	06-03-1990 15-03-1995 04-02-1993 24-11-1989 21-12-1993 06-04-1995 22-06-1995 05-10-1990 30-01-1991 08-10-1993 08-03-1995 28-11-1990 26-10-1990 10-11-1989 02-11-1989 16-02-1993 15-04-1993 15-04-1993 15-04-1993 01-11-1990 23-06-1988 20-10-1992 03-08-1995 11-01-1996 29-04-1993 07-10-1993 29-06-1988 29-04-1992 01-10-1995 30-11-1995

information on patent family members

In....ional Application No
PCT/US 02/07701

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5006342	A		JP JP JP JP JP PT	2535731 B2 8040937 A 2105910 C 8016054 B 63233916 A 86426 A ,B 101320 A ,B	18-09-1996 13-02-1996 06-11-1996 21-02-1996 29-09-1988 17-01-1989 29-07-1994
US 6203817	B1	20-03-2001	NONE	——————————————————————————————————————	
WO 9932153	Α	01-07-1999	AU WO US	1728099 A 9932153 A1 6267984 B1	12-07-1999 01-07-1999 31-07-2001
US 5750137	A	12-05-1998	AT AU AU CA CE DE EP JP NZ WO US US US VA	183926 T 679793 B2 7924994 A 679794 B2 7964794 A 2165802 A1 2167526 A1 69420419 D1 69420419 T2 0721348 A1 0721349 A1 9505278 T 9505279 T 274711 A 275615 A 5900250 A 9509006 A1 9509007 A1 5686097 A 5747065 A	15-09-1999 10-07-1997 18-04-1995 10-07-1997 18-04-1995 06-04-1995 06-04-1995 07-10-1999 23-12-1999 17-07-1996 27-05-1997 27-05-1997 26-11-1996 04-05-1999 06-04-1995 11-11-1997 05-05-1998